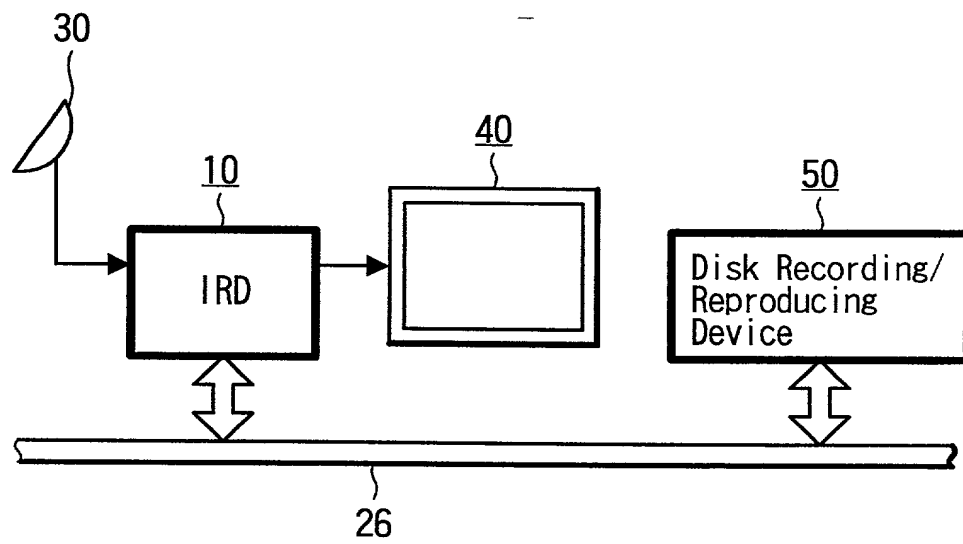


**FIG. 1**

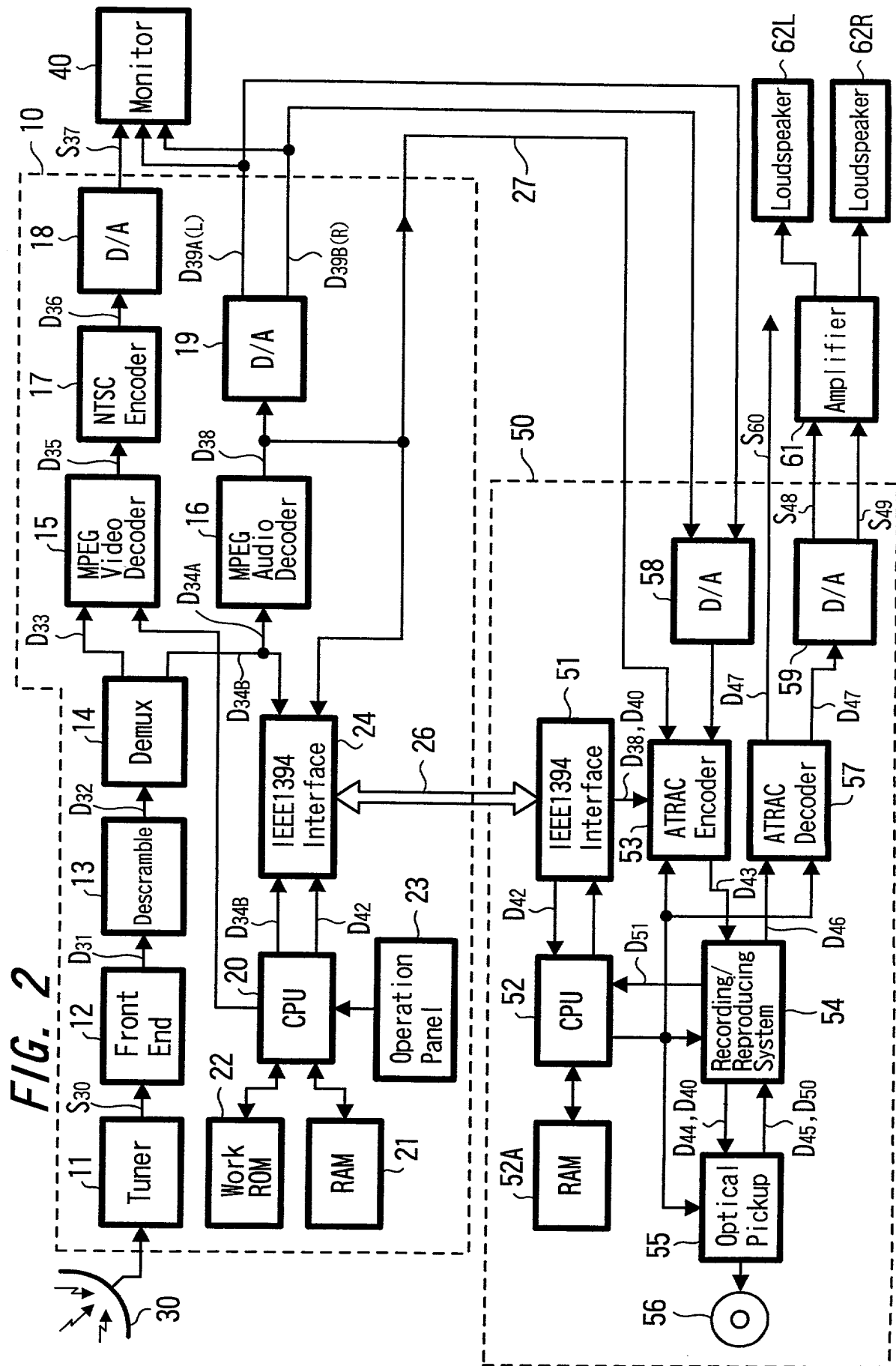


FIG. 3

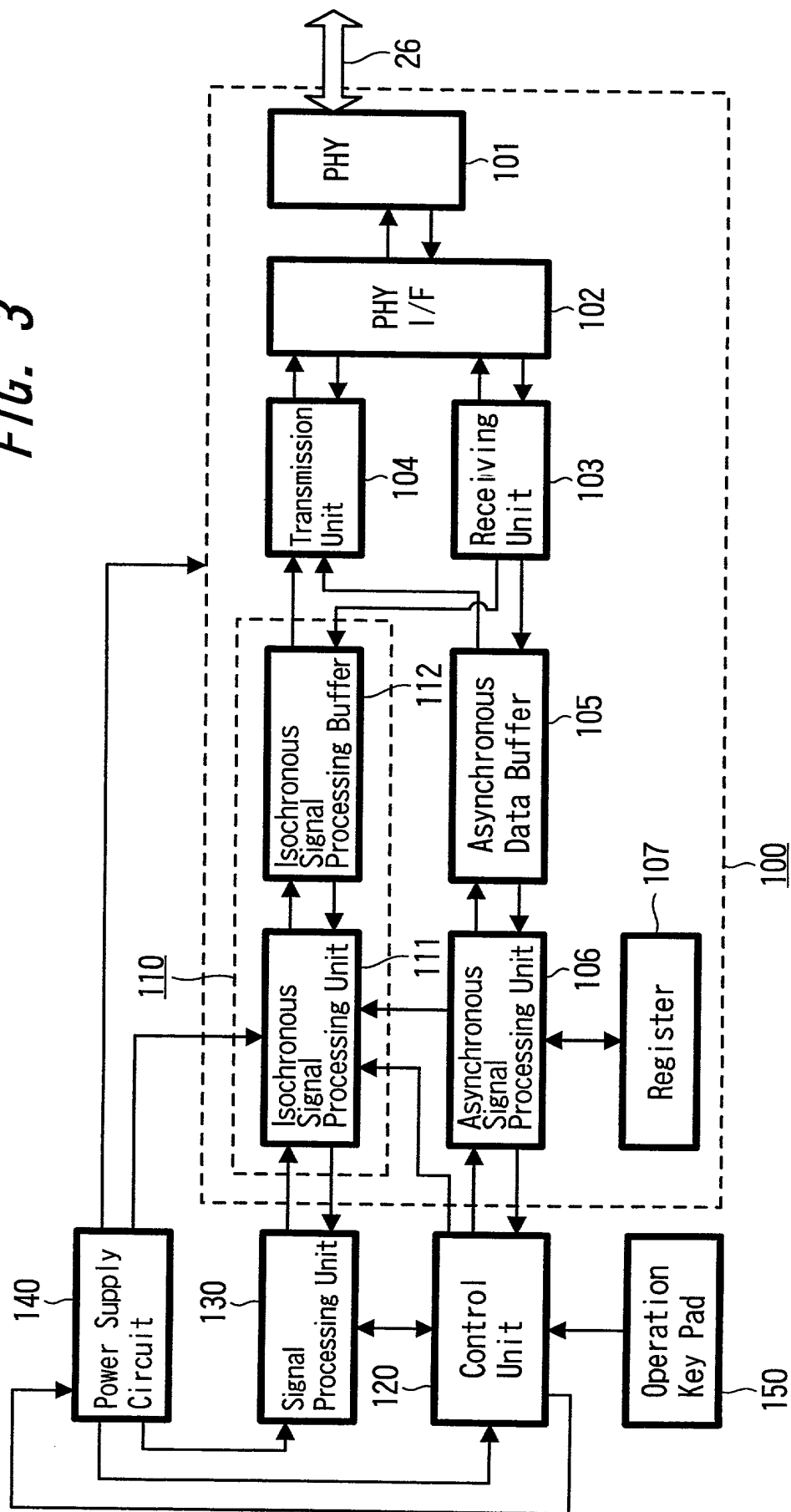


FIG. 4

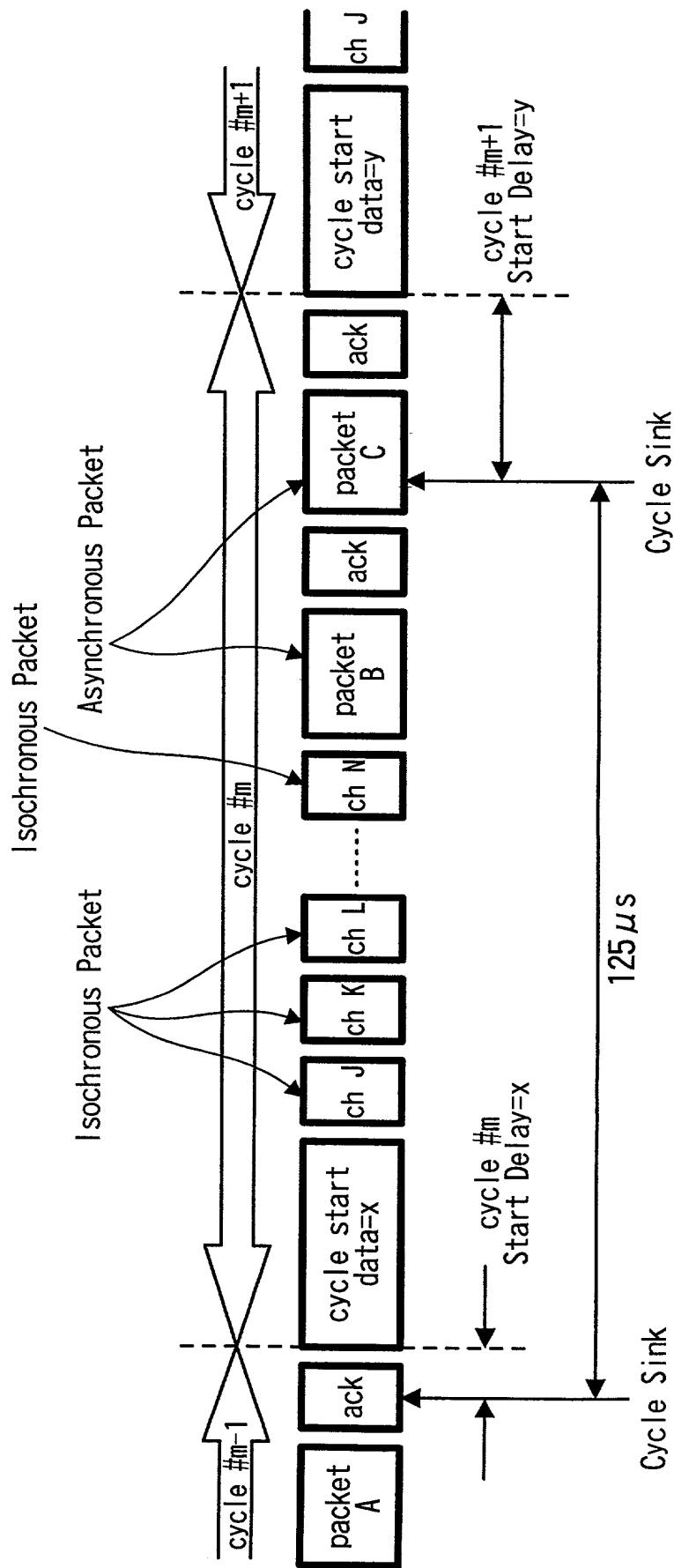
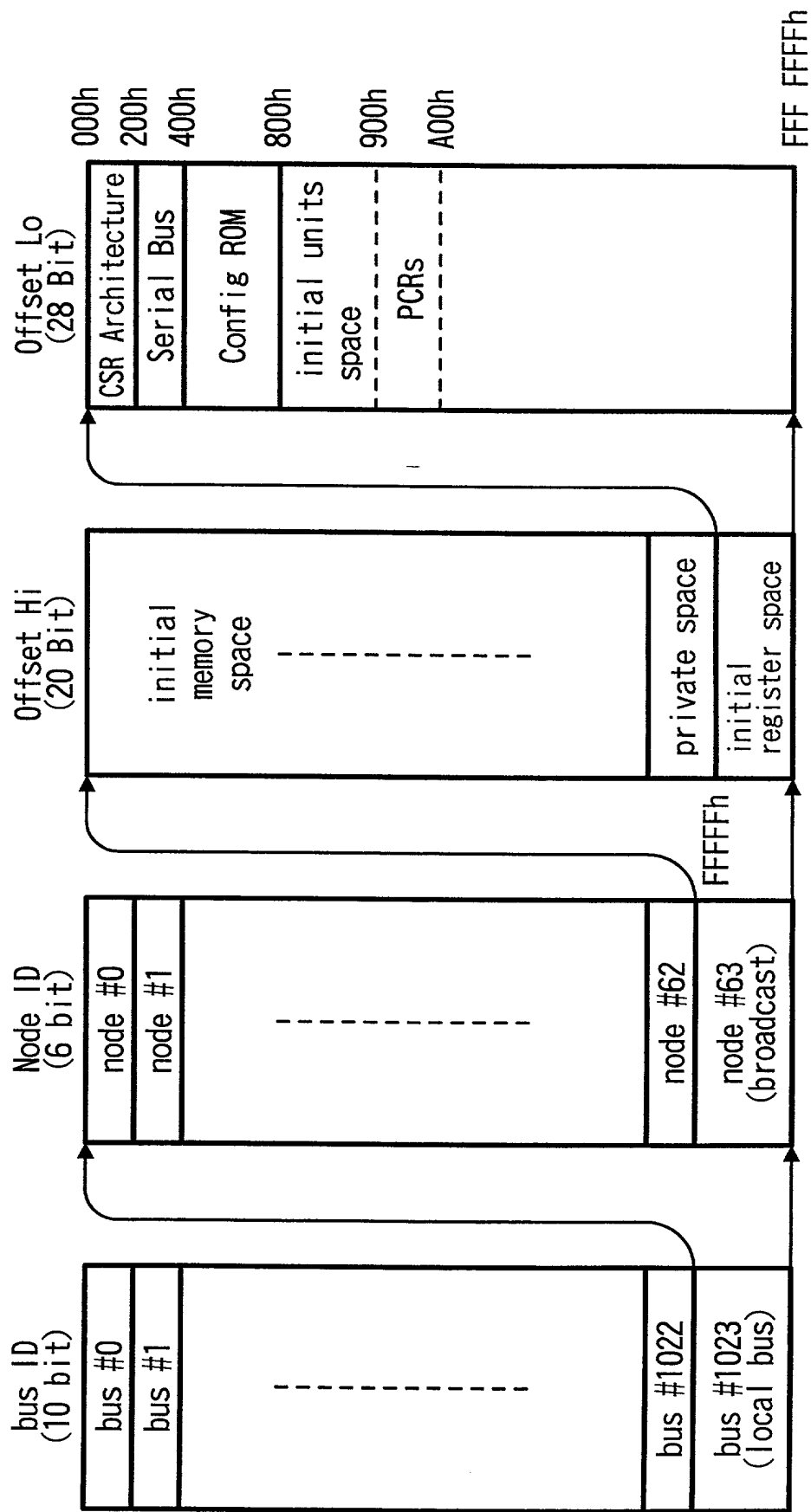


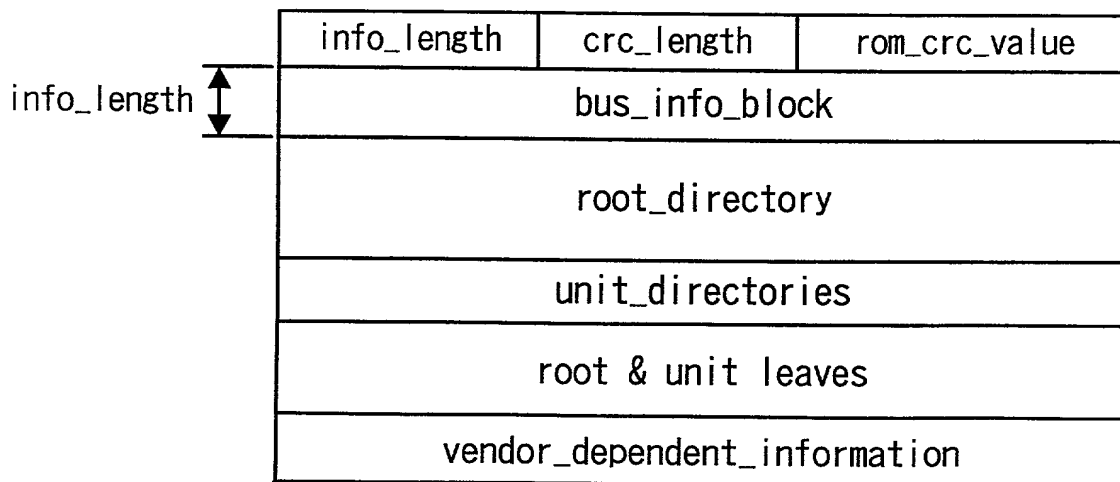
FIG. 5



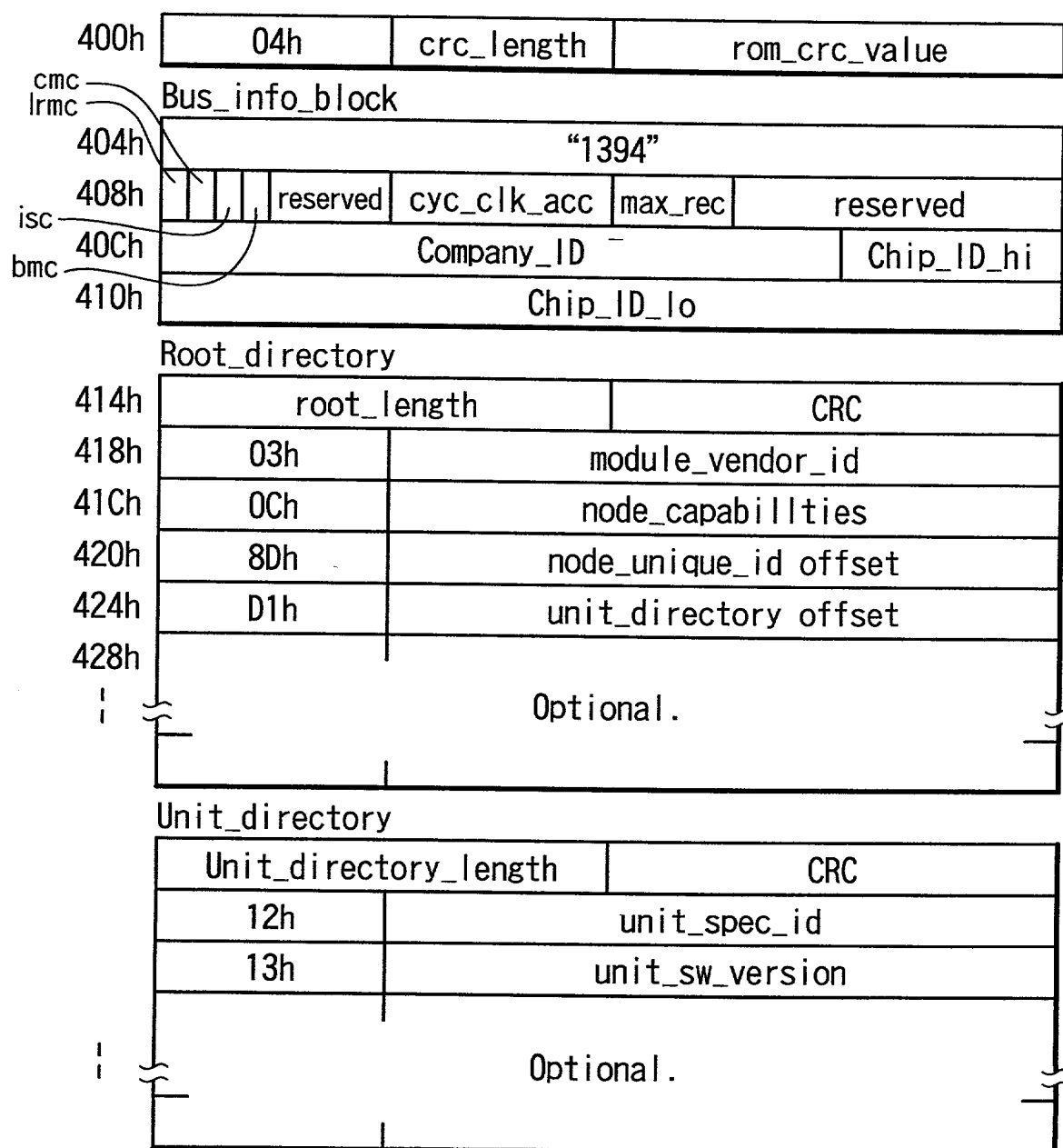
**FIG. 6**

Offset	Name	Operation
000h	State_Clear	State And Control Information
004h	State_Set	Set State_Clear Bit
008h	Node_IDs	Represent 16_Bit Node ID
00Ch	Reset_Start	Start Command Reset
018-01Ch	Split_Timeout	Regulate Maximum Time of Split
200h	Cycle_Time	Cycle Time
210h	Busy_Timeout	Regulate Limit of Retry
21Ch	Bus_Manager	Represent ID of Bus Manager
220h	Bandwidth_Available	Represent Band Which Can be Allocated to Isochronous Communication
224h-228h	Channels_Available	Represent Using States of Channels

**FIG. 7**



**FIG. 8**



**FIG. 9**

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30



oMPR

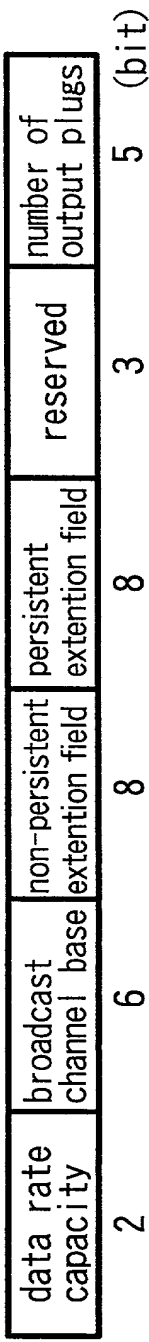


FIG. 10A

oPCR [n]

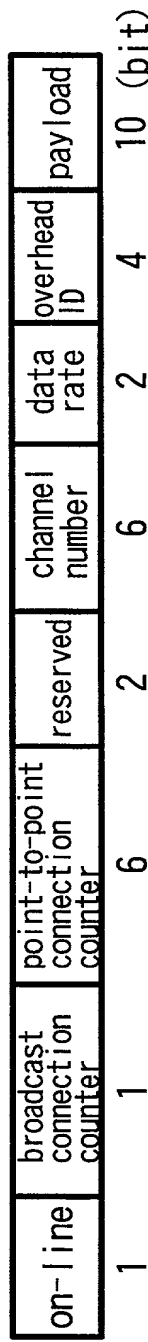


FIG. 10B

iMPR

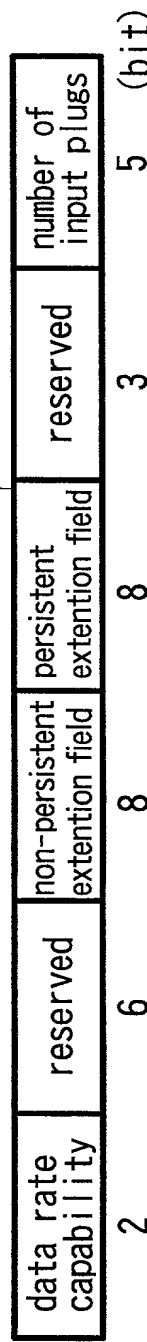


FIG. 10C

iPCR [n]

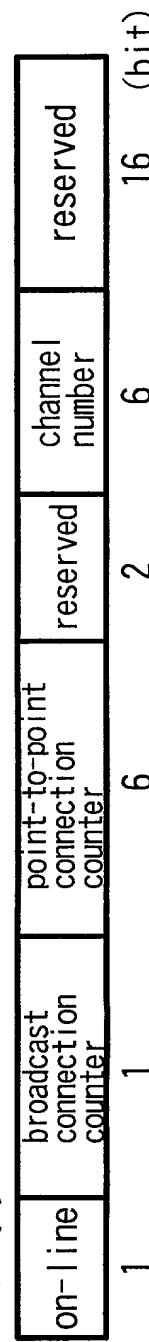


FIG. 10D

FIG. 11

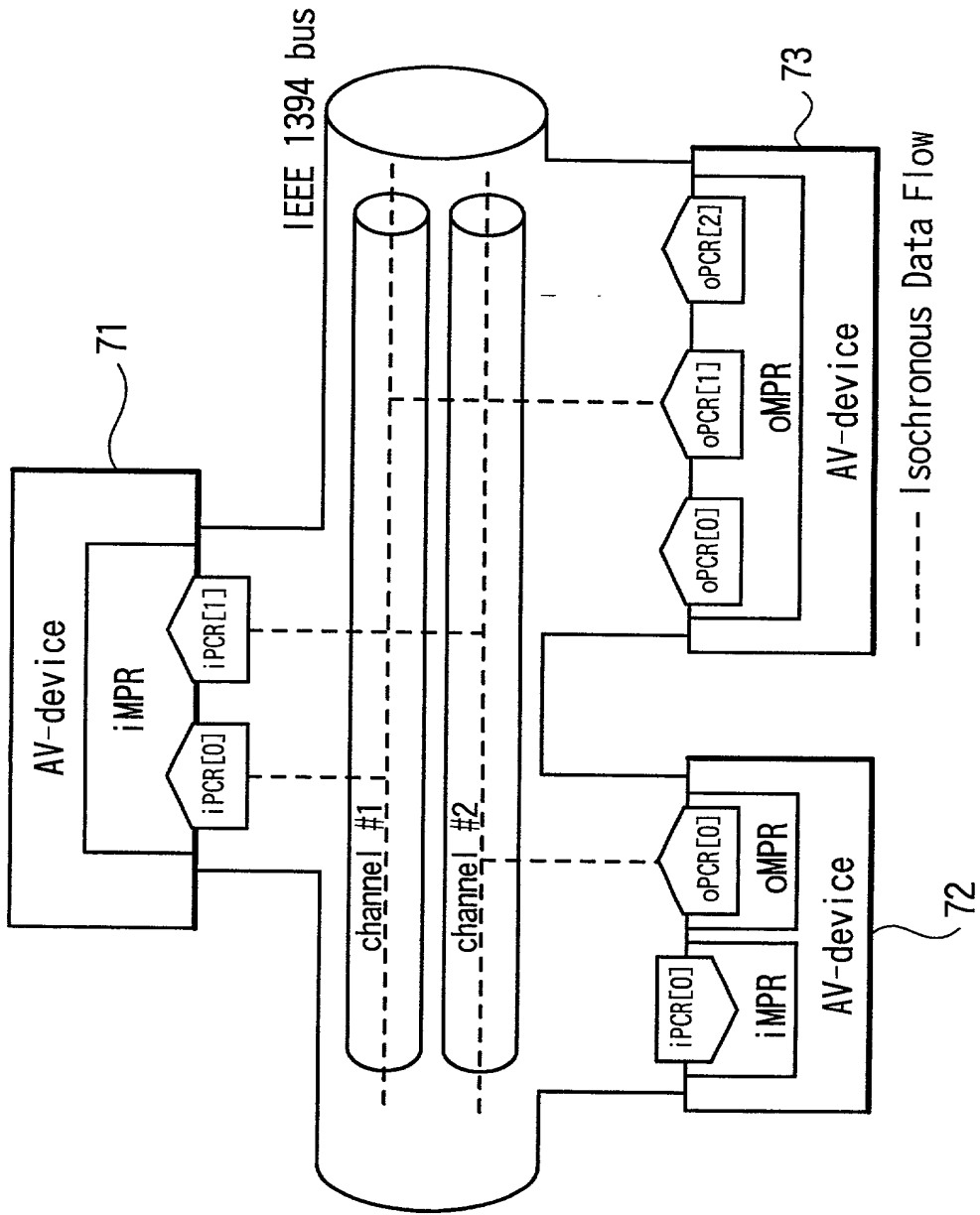
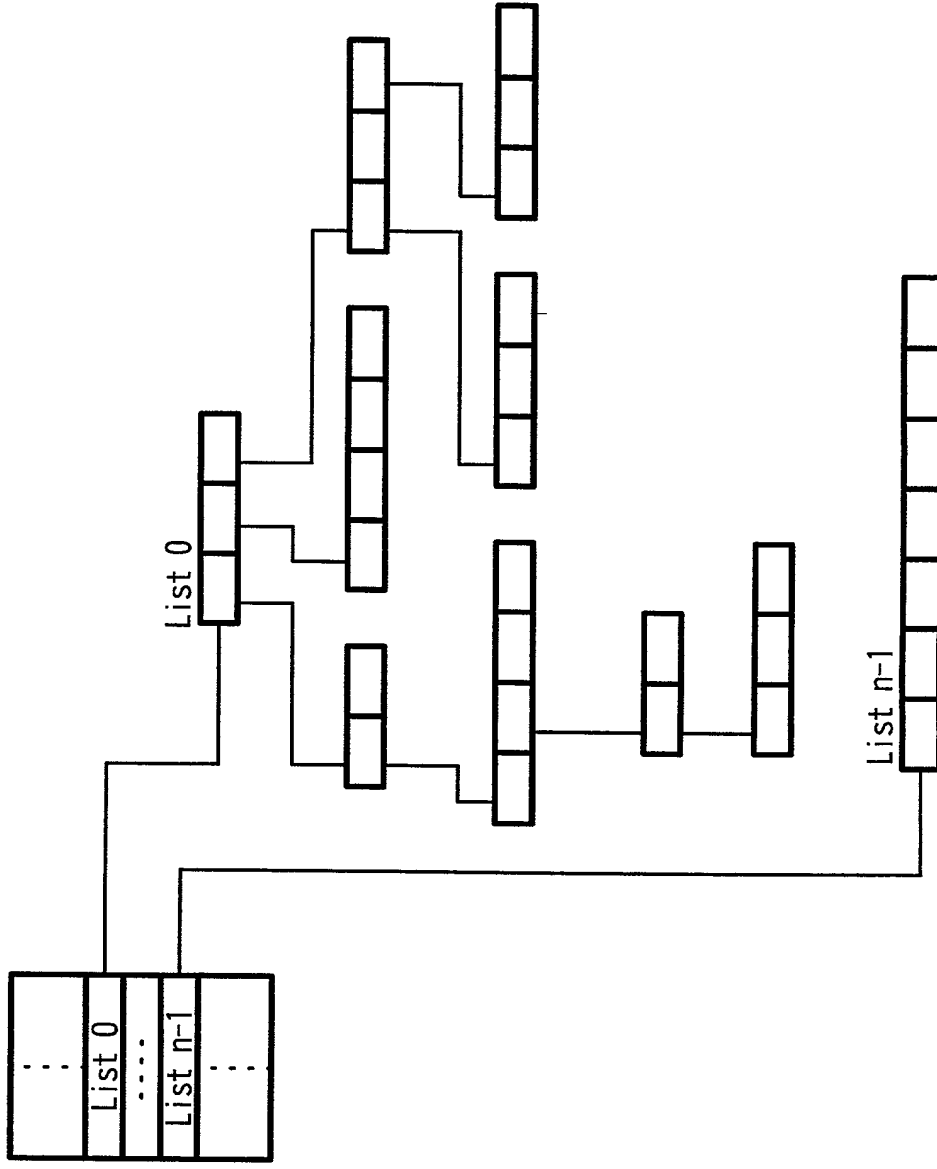


FIG. 12



**FIG. 13**

The General Subunit Identifier Descriptor	
address	contents
00 00 <sub>16</sub>	descriptor_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	generation_ID
00 03 <sub>16</sub>	size_of_list_ID
00 04 <sub>16</sub>	size_of_object_ID
00 05 <sub>16</sub>	size_of_object_position
00 06 <sub>16</sub>	number_of_root_object_lists(n)
00 07 <sub>16</sub>	
00 08 <sub>16</sub>	root_object_list_id_0
⋮	
⋮	⋮
⋮	root_object_list_id_n-1
⋮	
⋮	subunit_dependent_length
⋮	
⋮	subunit_dependent_information
⋮	
⋮	
⋮	manufacturer_dependent_length
⋮	
⋮	manufacturer_dependent_information
⋮	
⋮	

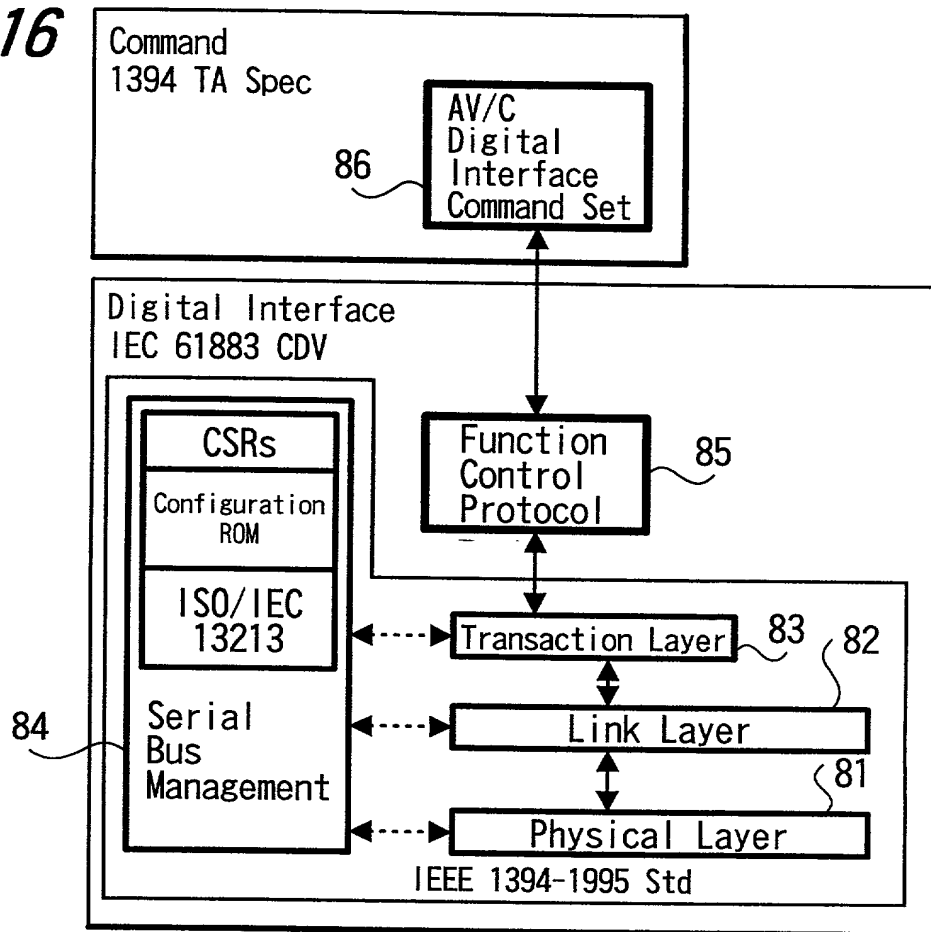
**FIG. 14**

generation_ID values	
generation_ID	meaning
00 <sub>16</sub>	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

**FIG. 15**

List ID Value Assignment Ranges	
range of values	list definition
0000 <sub>16</sub> -0FFF <sub>16</sub>	reserved
1000 <sub>16</sub> -3FFF <sub>16</sub>	subunit-type dependent
4000 <sub>16</sub> -FFFF <sub>16</sub>	reserved
1 000 <sub>16</sub> -max list ID value	subunit-type dependent

**FIG. 16**



**FIG. 17**

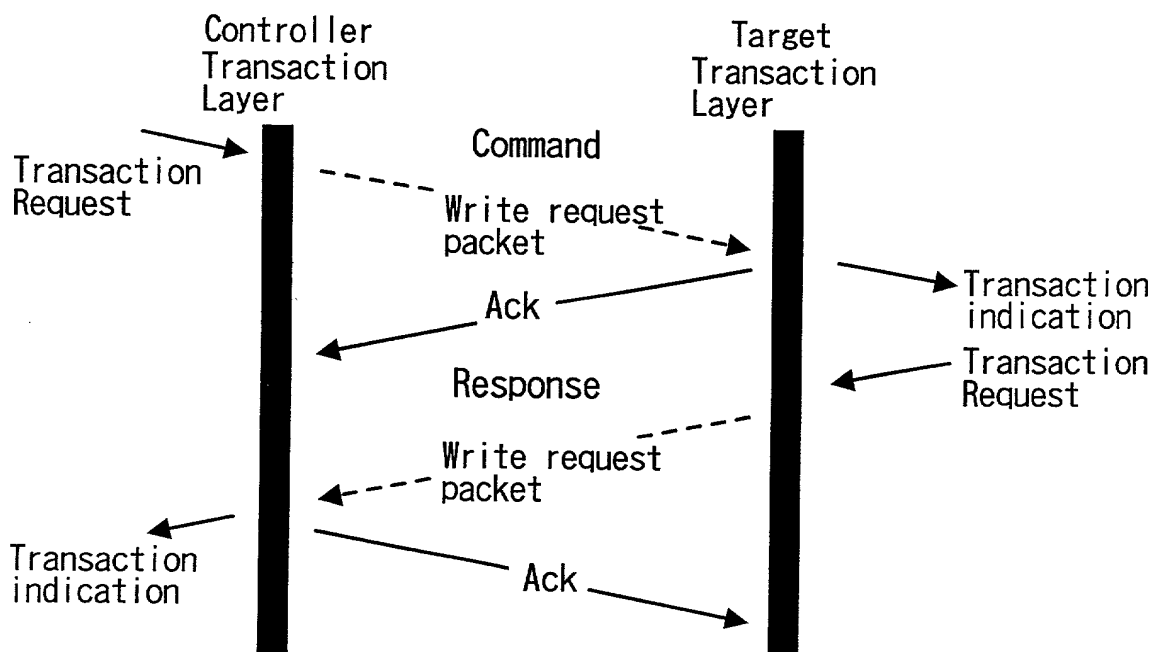


FIG. 18

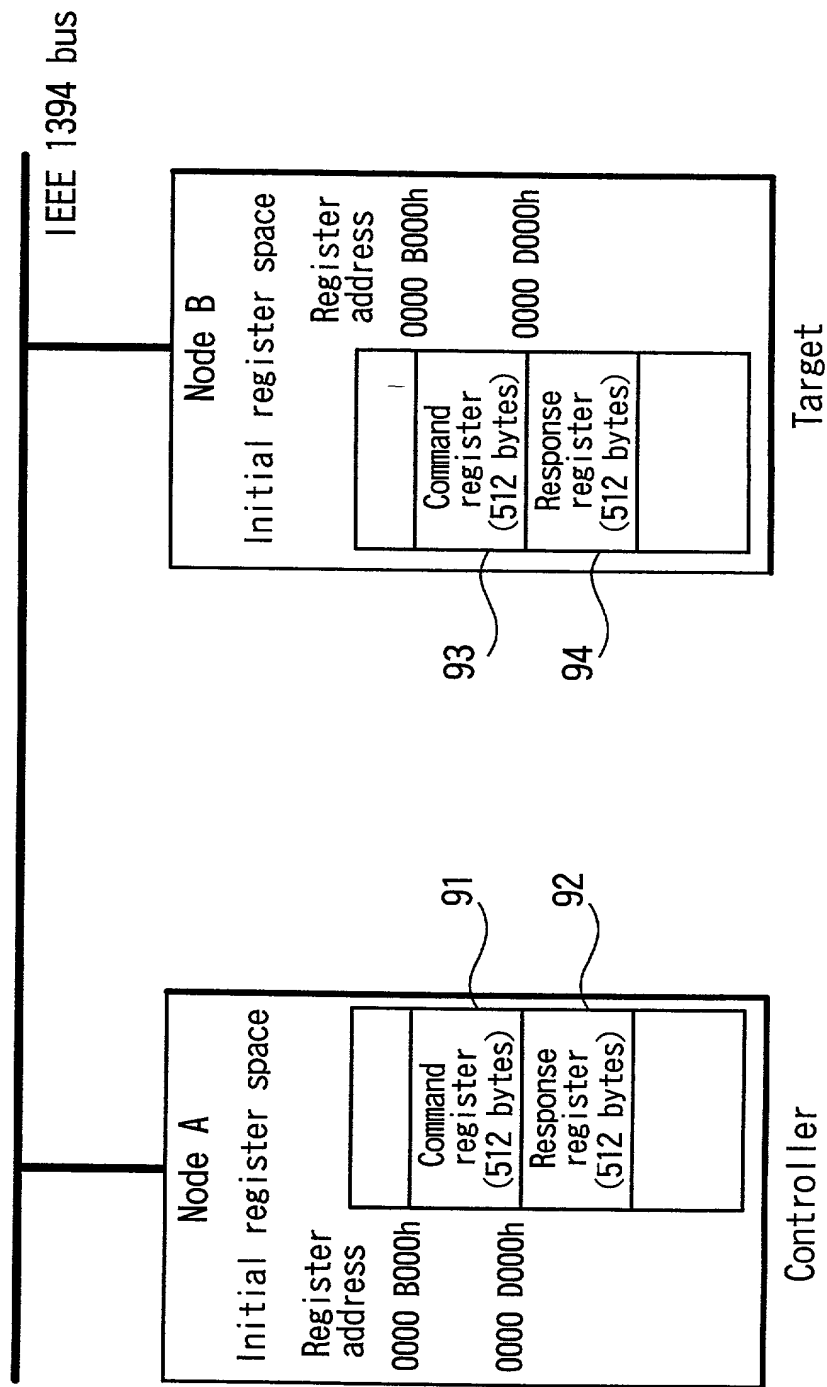
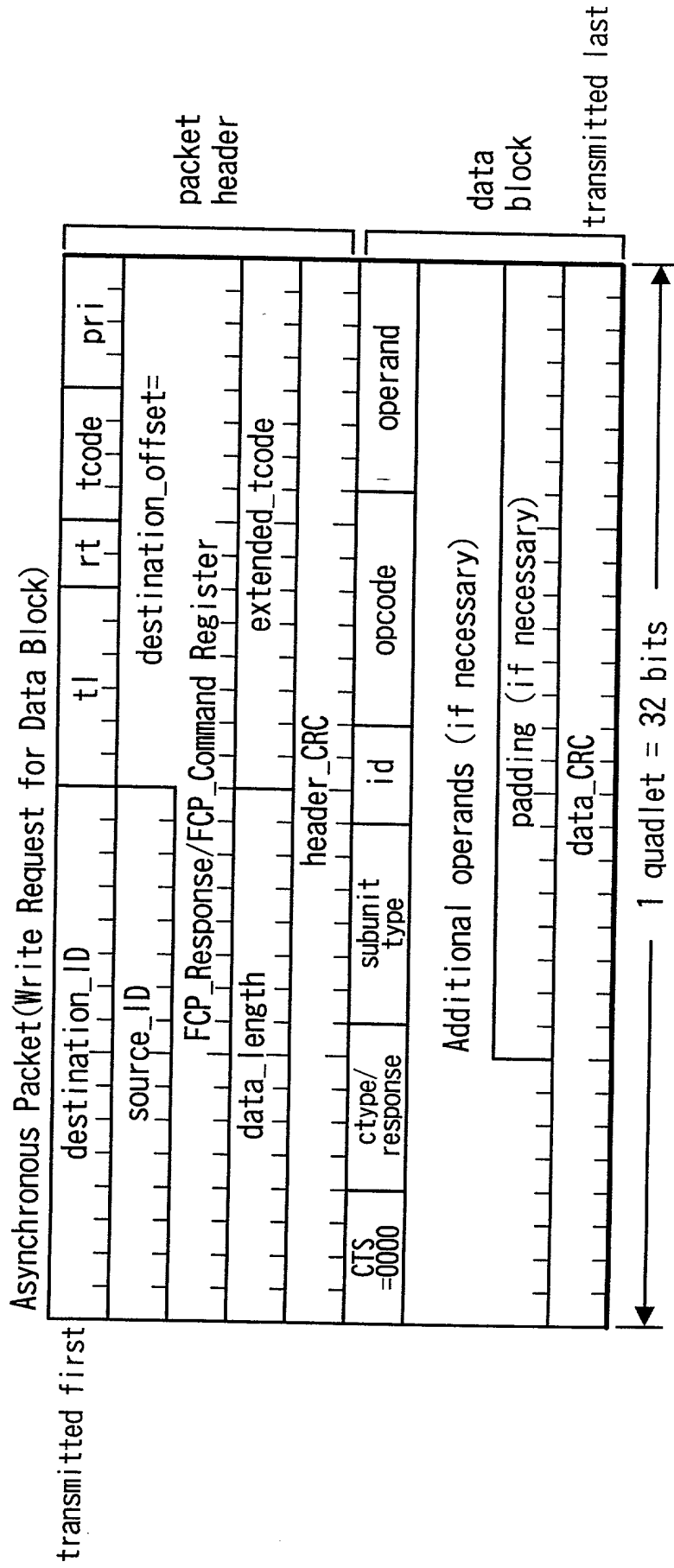


FIG. 19





cctype/response		subunit_type		opcode:Operation Code	
Command	0000	Control Status Specific Inquiry Notify General Inquiry (reserved for future specification)	00000 ?	Video Monitor (reserved)	00h Vendor-Dependent
	0001		Disc recorder/Player	50h Search Mode	
	0010			51h Time Code	
	0011			52h ATN	
	0100			60h Open MIC	
Response	0101	(reserved for future specification)	00100	Tape recorder/Player	61h Read MIC
	?			62h Write MIC	
	0111			C1h Load Medium	
	1000			C2h Record	
	1001			C3h Play	
	1010			C4h Wind	
	1011			? ?	
	1100				
	1101				
	1110			(reserved for future specification)	
	1111			Interim	

FIG. 20A

FIG. 20B

FIG. 20C

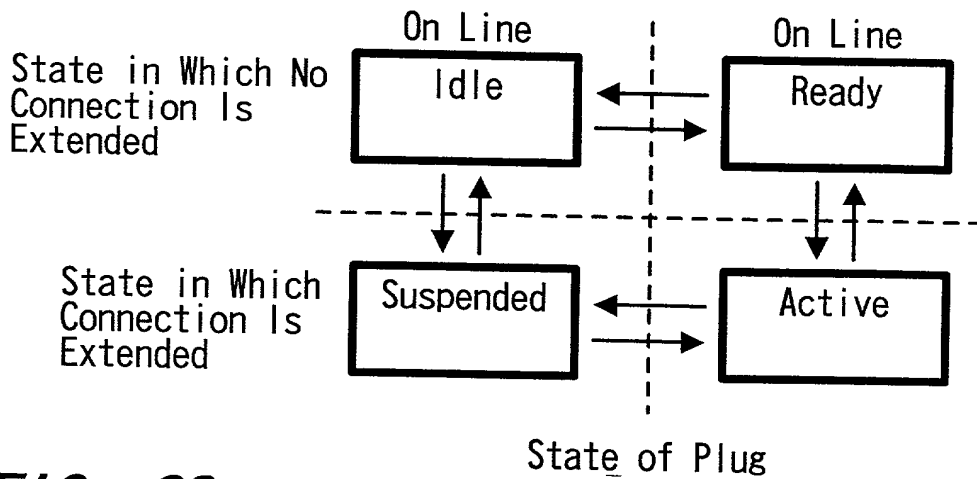
AV/C		control		tape recorder /player		Recorder ID0		Play		Forward	
CTS=	0000	cctype=	0000	subunit	type=	id=	000	opcode=	C3h	operand=	75h

FIG. 21A

AV/C		accepted		tape recorder /player		Recorder ID0		Play		Forward	
CTS=	0000	response	=1001	subunit	type=	id=	000	opcode=	C3h	operand=	75h

FIG. 21B

**FIG. 22**



**FIG. 23**

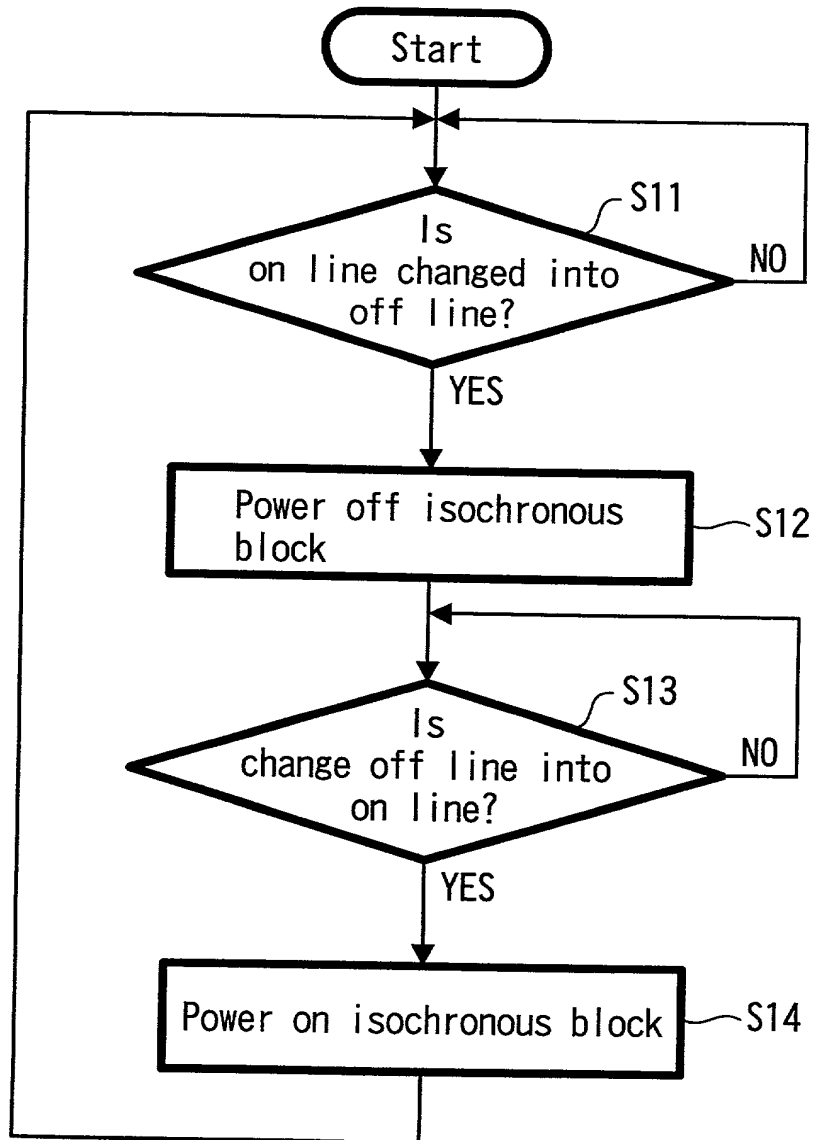


FIG. 24

